Schedule B

FCC 312, Schedule B

SATELLITE EARTH STATION AUTHORIZATIONS
FCC Form 312 - Schedule B: (Technical and Operational Description)
FOR OFFICIAL USE ONLY

Not Yet Approved by OMB
Estimated Time Per Response: 0.5-80 hrs
April 2024
OMB Control Number 3060-0678

Save Schedule | Review Schedule | Form 312

Sites + Site

Site - call1

Site - call1

*Site Identifier

call1

Site Contact Information

*Contact Name

Kathleen Campbell

*Phone Number

2024182222

Street

45 L Street, NE

City

Washington

County

DC

State

District of Columbia

Zipcode

20554

Site Details

*Area of Operation

USA

Limited to 250 characters.

Latitude

Latitude Degrees

38 °

Latitude Minutes

54 '

Latitude Seconds

12.19 "

*Latitude Hemisphere

N

Longitude

Longitude Degrees

77 °

Longitude Minutes

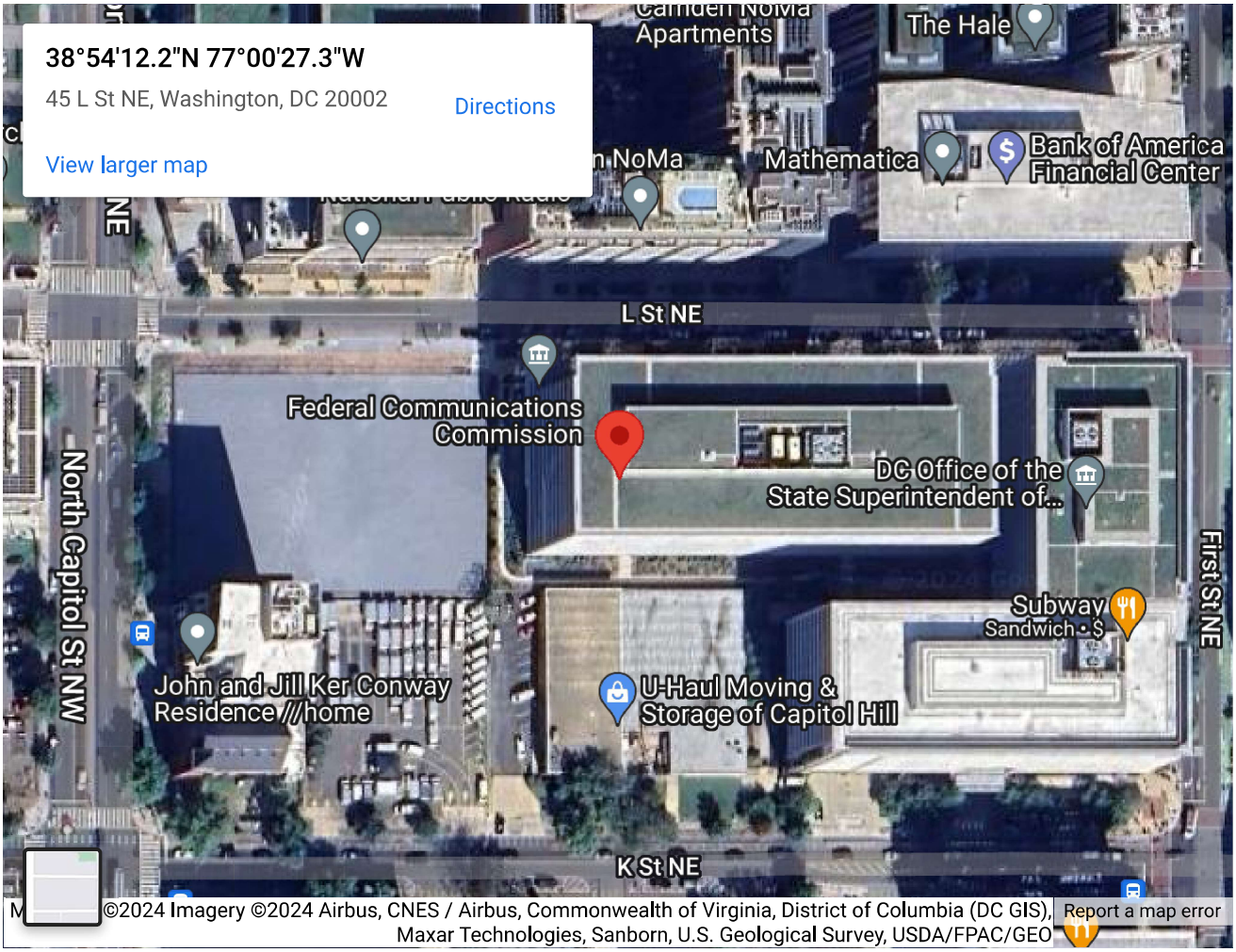
0 '

Longitude Seconds

27.26 "

*Longitude Hemisphere

W



*Geographic Coordinate System

NAD-83

Site Elevation (AMSL)

5 meters

Certification Details

*1) If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide a technical analysis showing compliance with two-degree spacing policy.

N/A

*2) If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS) or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement?

No

*3) Is Frequency Coordination required?

No

*4) Is coordination with another country required?

No

*5) Is FAA notification required?

No

FAA Notification - (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is required, have you attached a copy of a completed FCC Form 854 and / or the FAA's study regarding the potential hazard of the structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.

Remote Control

*Is facility operated by remote control?

No

Points of Communication

*Permitted List

Yes

"Permitted List" equal to "Yes" is sufficient to identify the names and locations of all satellite facilities licensed by the U.S.

Select the name and orbital location of each non-U.S. licensed satellites with which this earth station will communicate. Select 'New' if desired Satellite is not available in the list and complete the required fields.

+ Point of Communication

Antennas + Antenna

Antenna - Acme1

Antenna - Acme1

Basic | Frequency Bands

*Antenna ID

Acme1

*Quantity

1

*Manufacturer

ajax

*Model

rr3

Diameter

Antenna Size

5 meters

Please be sure to convert the measurement in meters.

Minor Axes (meters)

0 meters

Placeholder: Set to 0 if no change is needed.

Major Axes (meters)

0 meters

Placeholder: Set to 0 if no change is needed.

Height

Maximum Antenna Height Above Ground Level (meters)

5 meters

Maximum Antenna Height Above Mean Sea Level (meters)

5 meters

Building Height Above Ground Level (meters)

5 meters

Maximum Antenna Height Above Rooftop (meters)

5 meters

Antenna Gain

Antenna transmit gain (dBi)

49.5 dBi

At

14 GHz

Frequency used to establish antenna transmit gain. Please be sure to convert this field to GHz

Power

Total Input Power at Antenna Flange for All Carriers (Watts)

52 Watts

Total EIRP for All Carriers (dBW)

52 dBW

Calculated Total EIRP for All Carriers (dBW)

53.512 dBW

Calculated Total EIRP for All Carriers (dBW)

Antenna

Site Site

Attachments

Choose Files No file chosen

Basic | Frequency Bands

Frequency Bands + Frequency Band

14000 MHz - 14500 MHz

Basic | Operating Particulars | Satellite Coordinations

Frequency Lower (MHz)

14000

Frequency Upper (MHz)

14500

*Direction of Transmission

Earth-to-Space

Frequency Bands + Frequency Band

14000 MHz - 14500 MHz

Basic | Operating Particulars | Satellite Coordinations

Operating Particulars

Emission Designator	Polarization	Polarization Other	Maximum EIRP per Carrier (dBW)	Maximum EIRP Density per Carrier (dBW/4kHz)	Modulation and Services	Status
64K0G7W	Left Hand Cir		49.5 dBW	-25 dBW/4kHz	Digital	Requested

Frequency Bands + Frequency Band

14000 MHz - 14500 MHz

Basic | Operating Particulars | Satellite Coordinations

Satellite Coordinations

Satellite Orbit Type	Range of Satellite Arc Eastern Limit	Range of Satellite Arc Eastern Limit Hemisphere	Range of Satellite Arc Western Limit	Range of Satellite Arc Western Limit Hemisphere	Antenna Elevation Angle Eastern Limit	Antenna Elevation Angle Western Limit	Earth Station Azimuth Angle Eastern Limit	Earth Station Azimuth Angle Western Limit	Maximum EIRP Density toward the Horizon (dBW/4KHz)
Geostationary	120	W	60	W	4.29	5	5	5	-49.5